Author Index

Abbi, R. 81
Abila, P. A. 159
Ackermann, G. 147
Ames, F. 223
Arias Abrodo, P. 59
Axner, O. 197

Bala, H. 43
Barba, M. F. 299
Barbas Pardillo, M. 49
Barshick, C. M. 169
Bauer, G. 399
Baumann, H. 413
Beauchemin, D. 273
Besada, A. 143
Bindra, S. 81
Blanco Gomis, D. 59
Blödorn, W. 423
Bodewig, F. G. 75
Booth, P. K. 283
Bosch Reig, F. 49
Bradter, M. W. 215
Braun, D. 1
Brueggemeyer, T. W. 239
Buchbauer, G. 1
Buchberger, W. 137
Buscher, W. H. 215

Cacho, J. 91
Cammann, K. 215
Cellini-Legittimo, P. 7
Checa Moreno, A. 49
Clark, J. 231
Colomer, V. 179
Cotrino, J. 179
Csanády, G. 257

Dams, R. 373
Dasgupta, P. K. 35
Denton, M. B. 347
Dietze, U. 147

El-Sheikh, R. 101
Eschnauer, H. 291

Fariñas, J. C. 299
Farnsworth, P. B. 187
Faust, M. J. 215
Fuente Alonso, E. 59

Gamero, A. 179
Garnica, A. 91
Gawargious, Y. A. 143
Gęga, J. 43
Gimeno Adelantado, J. V. 49
Griepink, B. 25
Gupta, A. 81

Harrison, W. W. 169
Herrmann, G. 223
Hlaváček, I. 309
Hlaváčková, I. 309
Huebauer, U. 137

Issa, Y. M. 101

Jakob, L. 291
Janghorbani, M. 315
Jirovetz, L. 1

Katyal, M. 17
Ketchell, N. 231
Kluge, H.-J. 223
Knapp, G. 257
Kolczynski, J. D. 347
Kònya, G. 381
Krismer, R. 423

Author Index

Abbi, R. 81
Abila, P. A. 159
Ackermann, G. 147
Ames, F. 223
Arias Abrodo, P. 59
Axner, O. 197

Bala, H. 43
Barba, M. F. 299
Barbas Pardillo, M. 49
Barshick, C. M. 169
Bauer, G. 399
Baumann, H. 413
Beauchemin, D. 273
Besada, A. 143
Bindra, S. 81
Blanco Gomis, D. 59
Blödorn, W. 423
Bodewig, F. G. 75
Booth, P. K. 283
Bosch Reig, F. 49
Bradter, M. W. 215
Braun, D. 1
Brueggemeyer, T. W. 239
Buchbauer, G. 1
Buchberger, W. 137
Buscher, W. H. 215

Cacho, J. 91
Cammann, K. 215
Cellini-Legittimo, P. 7
Checa Moreno, A. 49
Clark, J. 231
Colomer, V. 179
Cotrino, J. 179
Csanády, G. 257

Dams, R. 373
Dasgupta, P. K. 35
Denton, M. B. 347
Dietze, U. 147

El-Sheikh, R. 101
Eschnauer, H. 291

Fariñas, J. C. 299
Farnsworth, P. B. 187
Faust, M. J. 215
Fuente Alonso, E. 59

Gamero, A. 179
Garnica, A. 91
Gawargious, Y. A. 143
Gęga, J. 43
Gimeno Adelantado, J. V. 49
Griepink, B. 25
Gupta, A. 81

Harrison, W. W. 169
Herrmann, G. 223
Hlaváček, I. 309
Hlaváčková, I. 309
Huebauer, U. 137

Issa, Y. M. 101

Jakob, L. 291
Janghorbani, M. 315
Jirovetz, L. 1

Katyal, M. 17
Ketchell, N. 231
Kluge, H.-J. 223
Knapp, G. 257
Kolczynski, J. D. 347
Kònya, G. 381
Krismer, R. 423

Subject Index

abnormal dissolution 43
absorbed power calculations 179
accuracy 373
actinides 223
analysis 389
analysis of coal 25
argentometry 7
argon ICP 159
arsenic determination 147
atomic absorption spectroscopy (AAS) 91, 423
atomic emission spectrometry (AES) 329, 347

banded ores 329
barium titanate ceramics 299
batch 389
bismuth 365
bismuthane 91
boron 309, 389
boron alloyed steel 309
bromide 137

calcite 329
capillary gas chromatography 1
carbamates 117
cathodic polarization 43
cellulose collectors 423
ceramic materials 381
charge injection device detection 347
charge transfer device 347
chelating ion exchange 257
chemical amplification 147
chemical analysis 299
N-chlorosuccinimide 81
comparison ICP-MS different methods 413
cryptand 2.2.2 59
Cu(II)-neocuproine 143

densitometry 1
detection of trace elements 223
diffusion 187
diffusion effects 159
dimethylglyoxime 75
dodecamolybdoarsenic acid 147
drug analysis 101

electrolytical dissolution 337
electron densities 187
electron microscopy 69
elemental analysis 169, 231
element-selective gas chromatographic detector 215
energy transport 187
environmental samples 273
EPA #1 365
essential oils 1

fast-Fourier-transform-analysis 215
flame 197
flotation spectrophotometry 147
flow injection analysis (FIA) 35
fluoride determination 49
fluoride separation 49
fluorimetric determination 59
fluorine determination 215
fresh waters 69
furnace 197

gas chromatography (GC) 117, 137
gas chromatography-Fourier transform infrared (GC-FTIR) 117
gas chromatography-mass spectroscopy (GC-MS) 117
gasoline 35
glow discharge 169
glow discharge mass spectroscopy (GDMS) 231
gold analysis 365

Kuhnert-Brandstätter, M. 125
Kunze, S. 147

Lei, W. 35
Luck, J. H. 329
Lüders, V. 329
Lynch, N. E. 315

Mang, M. 223
Matza, S. D. 35
McLeod, C. W. 283
Meierer, H. 291
Mentasti, E. 247
Michaelis, M. R. A. 257
Mizuike, A. 69
Mühleck, C. 223
Müller, K. 399

Nagamine, J. 69
Neeb, R. 291
Nerin, C. 91
Nikiforov, A. 1, 117
Nomizu, T. 69

Ohls, K. D. 337
Olson, D. C. 35
Ortner, H. M. 399, 423
Otten, E.-W. 223

Pavel, J. 413
Peris Martinez, V. 49
Piccardi, G. 7
Pomeroy, R. S. 347
Porta, V. 247
Prakash, N. 257
Puri, B. K. 17

Rehklau, D. 223
Riegel, J. 223
Rimke, H. 223
Rodham, D. A. 187
Ronan, G. 231
Rubinsztein-Dunlop, H. 197
Ruster, W. 223

Sáez, M. 179
Sanchez Uría, J. E. 179
Sanz-Medel, A. 179
Sarzanini, C. 247
Sattelberger, P. 223
Satzger, R. D. 239
Schaffar, B. P. H. 109
Scheerer, F. 223
Schramel, P. 355
Shoukry, A. F. 101
Shurtleff, J. K. 187
Siewers, U. 365
Singh, S. K. 81
Sjöström, S. 197
Sola, A. 179
Sollinger, H. W. 125
Srivastava, A. 81
Steffan, I. 267
Stummeyer, J. 423
Sweedler, J. V. 347
Szèpvölgyi, J. 381
Szymura, S. 43

Tadros, N. B. 143
Ting, B. T. G. 315
Trassy, C. 159
Trautmann, N. 223

Udisti, R. 7
Urdanoz, A. 91

Vandecasteele, C. 373
Vanhoe, H. 373
Varga, I. 381
Versieck, J. 373
Vujicic, G. 267

Wasey, A. 17
Wegscheider, W. 399
Wilhartitz, P. 423
Wilkinson, H. C. 25
Winter, F. G. 215
Woidich, A. 117
Wolfbeis, O. S. 109
Wünsch, G. 423

Zàray, G. 381
Zareh, M. 101
Zbiral, E. 117
Zeibig, G. 389

high purity Cr, Mo and W 423
human serum 373
hydride generation 267, 315

iminodiacetic acid 75
inductively coupled plasma (ICP) 187, 423
inductively coupled plasma atomic emission spectrometry (ICP-AES) 247, 267, 299, 309, 381, 389
inductively coupled plasma emission spectrometry 283, 337
inductively coupled plasma mass spectrometry (ICP-MS) 273, 315, 329, 373, 413
inductively coupled plasma optical emission spectroscopy (ICP-OES) 257, 399
inductively coupled plasma spectrometry 355
infrared spectroscopy of polymorphs 125
interferences 373
iodide 137
ion-exchange 389
ion-pair extraction 59
ion-selective electrode 49
ion source 239
iron determination 17
isotope analysis 315

Langmuir-Blodgett layer 109
laser ablation 283
laser-enhanced ionization (LEI) 197
laser spectroscopy 169
lavender oil 1

mass spectrometry 169, 239
mercaptans 35
microwave-induced plasma 179, 215, 239
mineral exploration 365
multi-element determination 291

naphthalene 17
neutral gas temperature 179
nonconductors 169
North Sea sediments 365

on-line preconcentration 247
optical sensor 109
optrode 109
organic media 91
organic substances 69

paints 283
pattern analysis 291
permanent magnets 43
phase analysis 337
9,10-phenanthrenequinone monoxime 17
phenylephrine ion-selective electrode 101
phosphorus 399
plasma emission detector 215
polarization curves 43
polymers 283
polymorphism 125
polysulphides 7
poly(vinyl chloride) membrane 101
preconcentration 257, 273, 399
preconcentration of trace metals 423

quality control 25
quartz multielement analysis 413

rare earth elements (REE) 329
reference material 365
resonance ionization mass spectrometry 223
rocks 389
rotational temperature 159

sample preparation 257
seawater analysis 247
selenium 315
separation of matrix 423
serum 137
silicon nitride 381
slow titrations 7
slurry atomization 381
sodium-selective sensor 109
soil analysis 355
solid sampling 337
speciation 273
spectrophotometric 81
spectrophotometry 17, 35, 143

stable isotope tracers 315
standard reference material 355
steels 337
strontium 59
submicron particles 69
sulfa drugs 81
sulphide 7
surface wave 179

technetium 223
terpene alcohols 117
thermal analysis 125
thin layer chromatography 1
thiols 35, 143
thiosulphate 7
thorium determination 413
titrimetric 81
trace determination 337
trace elemental analysis 347
trace element metabolism 315
trace elements 197, 373
trace elements and sulphur 25
trace metals 247
tubular reactor 267
tungsten 399

uranium 413
urine 137

vitamin-C 81
voltammetric determination of Co 75

wine 291
wine taxonomy 291

X-ray microanalysis 69